

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A gel type bone-filling composition for stimulating bone-formation and bone-consolidation comprising
 - 1) 20~80 weight % of a mixture containing calcium sulfate, and one or more inorganic salts selected from a group consisting of CaCO₃, MgCO₃, and CaCO₃·MgCO₃, and the mixture thereof,
wherein the mixture contains 98~99 weight % of calcium sulfate takes 90~99 weight % of the total weight of mixture and the inorganic salts take 1~10 weight % of the total weight of mixture, 0.3~1 weight % of CaCO₃, 0.3~1 weight % of MgCO₃ and 0.5~1 weight % of CaCO₃·MgCO₃; and
2) 80~20 weight % of a viscous biopolymer.
2. (Cancelled) The bone-filling composition for stimulating bone formation and bone-consolidation as set forth in claim 1, wherein the composition comprises calcium sulfate 98~99 weight %, CaCO₃ 0.3~1 weight %, MgCO₃ 0.3~1 weight % and CaCO₃·MgCO₃ 0.5~1 weight %.
3. (Previously Presented) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 1, wherein the viscous biopolymer is selected from a group consisting of carboxymethylcellulose, hyaluronic acid, chitosan, cellulose ethers, cellulose esters, starches and polysaccharides.
4. (Original) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 3, wherein the viscous biopolymer is carboxymethylcellulose.

5. (Original) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 1, wherein the ratio of calcium sulfate to viscous biopolymer is 50:50.

6. (Cancelled)

7. (Previously Presented) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 1, wherein the calcium sulfate is CaSO_4 or $\text{CaSO}_4 \cdot \text{H}_2\text{O}$.

8. (Currently Presented) The bone-filling composition for stimulating bone-formation and bone-consolidation as set forth in claim 5 2, wherein the ratio of calcium sulfate to carboxymethylcellulose is 50:50 CaSO_4 or $\text{CaSO}_4 \cdot \text{H}_2\text{O}$.